

The Bay Foundation (TBF) and the Santa Monica Bay Restoration Commission (SMBRC) are partners in the Santa Monica Bay National Estuary Program (SMBNEP), one of 28 entities that comprise the National Estuary Program. TBF is a non-profit environmental group founded in 1990 to restore and enhance the Santa Monica Bay and local coastal waters. The SMBRC is a locally-based, non-regulatory state entity which is charged with overseeing and promoting the SMBNEP's Bay Restoration Plan.

Q2 2018 Edition

Coastal Research Institute Summer LMU Interns!

Loyola Marymount University's Coastal Research Institute (CRI), a partnership of TBF and LMU's Frank R. Seaver College of Science and Engineering, kicked off the summer months with research, scientific monitoring, and restoration programs. This summer, 24 students from LMU and from Marymount High School's SAILL internship program (Students Advancing in Internship Leadership and Learning) will contribute to CRI's science program. They are learning scientific assessment and monitoring strategies in the field, contributing to cutting-edge research like analyzing microplastics in sand, and leading volunteer and community restoration events at sites throughout the Bay watershed. Through the CRI intern program these students are gaining valuable experience addressing our world's most pressing coastal issues, while helping us improve life along the coast in Los Angeles.



VIDEO (click): Intern Cheyenne Taylor explains analyzing microplastics in

UCLA IoES Practicum Students Dive into Kelp and Seagrass Study with TBF

For a third year in a row, students at UCLA Institute of the Environment and Sustainability selected TBF to help conduct research related to Ocean Acidification in Santa Monica Bay. Ocean waters are becoming more acidic because of excess CO₂ changing the chemistry of the sea water, another consequence of climate change. Kelp and eelgrass (an underwater plant) both pull CO₂ from the water around them when conducting photosynthesis. If the rate that they pull CO₂ out of the water is great enough, it can raise the pH of the surrounding water providing refuge for marine organisms from acidic conditions. The field work involved lowering sensors from boats and SCUBA based observations.



UCLA Practicum students

[This video](#) taken from our ROV gives you an idea of what an eelgrass bed looks like. You can read more about the project [here](#).

The LAX Dunes are Thriving

TBF has been busy helping remove non-native vegetation at the LAX Dunes over the last several months, hosting many community restoration events with help from schools like the Girls Athletic Leadership School in LA, UCLA, and Kent State Alumni; groups like AT&T, Kaiser Permanente, and Meetup.com; and larger events like “Big Sunday” on 5 May 2018.

These efforts and those of Los Angeles World Airports (LAWA) have turned the dunes into healthy, thriving habitats for an abundance of wildlife and native vegetation. TBF recently completed a [report](#) summarizing restoration activities in the “Coastal Dunes Improvement Project” (CDIP) area since 2013. The data show that restoration in CDIP areas are meeting the restoration performance criteria with predominantly native coastal vegetation. Congratulations to LAWA and their partners, and a huge thank you to all of the thousands of volunteers who have dedicated their time over the past five years to helping the native plants!



Volunteers pull weeds at LAX Dunes

Helping Boaters Keep our Coast Safe and Clean

With good reason, Santa Monica Bay attracts millions of people recreating year-round, but especially now in the summer months. Properly disposing of boat sewage is one action that makes a significant difference in water quality and the marine environment for us all. TBF’s Boater Education Program offers multiple tools to help boaters boat clean.

A [new vessel sewage video](#) has launched —developed by TBF—which clearly and easily explains the laws regarding boat Marine Sanitation Devices, the effects of discharging sewage overboard, and how to properly secure a boat’s Y-valve to prevent an accidental sewage discharge. Also, Honey Pot Day is in effect until Aug. 31, offering participants a 30% discount for one mobile pumpout service in four Southern California harbors: Marina del Rey, King Harbor (Redondo Beach), Port of Los Angeles, and Port of Long Beach. To sign up, boaters should visit www.honeypotday.org. Both programs are funded by the California State Parks Division of Boating and Waterways Clean Vessel Act Education Program and a Federal Clean Vessel Act grant through the Sport Fish Restoration Program.



Check out this video on Boat Marine Sanitation Device and Y-valve

Prop 12 SM Bay Restoration Grant Program

The California State Coastal Conservancy and the Santa Monica Bay Restoration Commission (SMBRC) have announced the availability of grant funds for projects that advance the goals and priorities of the Santa Monica Bay Restoration Plan (BRP). Past projects funded by Prop 12 include Las Virgenes Creek restoration, Redondo Beach Bluffs Restoration, Ballona Creek Litter Monitoring and Collection, and more than 20 other storm water pollution control and habitat restoration projects. 6.9 million dollars remain available at this time to fund projects applied by qualified entities. The full description of eligibility and priority criteria, grant award process and additional information can be accessed via SMBRC website (smbrc.ca.gov) or [this link](#). Please contact Jack Topel at jack.topel@waterboards.ca.gov if you have any questions.



Redondo Beach Bluffs Restoration

Students Using Table-to-Farm to Reduce Food Waste at their Middle School

Building on TBF's [Table-to-Farm](#) Composting for Clean Air" program, TBF collaborated this Spring with Environmental Charter Middle School-Gardena (ECMS-G) staff and students to build a three-bin compost system in the school's garden. TBF staff engaged 180 students in conversation on important topics such as reduced methane emissions from diversion of food waste from landfills and how methane is a potent greenhouse gas and a major contributor to poor air quality. ECMS-G students and staff set a goal to reduce the school's food waste by 50% and by diverting food waste from landfills, the compost bin will contribute to ECMS-G's zero-waste goal. The bin build was funded in part by TBF's "Table-to-Farm Composting for Clean Air" project supported by SoCalGas, and the program earned a spot in the City of Los Angeles' #FreeTheFood Guide as one of 10 projects working to 'free the food' from our landfills.



ECMS-G students & TBF staff with compost bin system

Strategic Planning for a Resilient and Healthy Bay

The Staff and Committees of the Santa Monica Bay National Estuary Program have been working hard to develop a plan that addresses the environmental needs of coastal Los Angeles. This effort will revise our current Bay Restoration Plan, with an increased focus on climate change adaptation. We are in phase three of three and expect to complete this process by the end of 2018. Thanks to the SMBRC; Governing Board, Technical Advisory Committee, Watershed Advisory Council, stakeholders and the US EPA for all their support and guidance through this exciting process.

Grab TBF's Discount for the 9th Annual Women In Green Forum

TBF is proud to return as a supporting partner of the 9th Annual Women in Green Forum. WIGF has emerged as the premier conference series highlighting women's impact on the environmental industry. The event convenes pioneers in the environmental movement, drawing an international audience of sustainability experts including academic researchers, regulatory agencies, policy experts, energy analysts, and technology developers. This is an opportunity for sustainability professionals from all sectors to connect one-on-one with the world's leading environmental trailblazers, share ideas and create lasting partnerships. To register with your TBF 10% discount, [click here](#)! For more information, visit <http://womeningreenforum.com>



Save these Dates!

Coastal Connections 4 – TBF's Annual Fundraiser event, Oct. 11, 2018

Join TBF once again at Pacific Park on the Santa Monica Pier for a family-friendly annual celebration of our connections to the coast. Delicious gourmet food for all ages, entertainment, passes for all the rides and games, and more! Watch www.SantaMonicaBay.org and your inbox for more info!

Restore America's Estuaries National Summit in Long Beach, Dec. 2018

Join TBF and the SMBNEP at the 9th National Summit on Coastal and Estuarine Restoration and Management at the end of this year in Long Beach! This 6-day summit will explore cutting-edge issues in coastal restoration, management, and science at the Long Beach Convention Center. #RAECISO18 | <https://www.estuaries.org/2018-summit-general-info>

Join TBF Outside!

TBF offers regular volunteer opportunities at these locations. SUMMER beckons – bring a friend!! TBF offers regular volunteer opportunities at these locations.

- Culver City Rain Garden
- LAX Dunes
- Malibu Lagoon
- Stone Canyon Creek

Please check TBF's [Events Page](#) for dates, times, brief descriptions, and who to contact.

TBF also works with corporations and other organizations for group volunteer days. Please contact Rod Abbott (rabbott@santamonica.org) if you'd like to plan such an event.

In The News

[Los Angeles Magazine](#) recently visited the AbLab, engaged one-on-one with the growing abalone, and explained TBF and partners' efforts in the complex work of abalone restoration in the July issue.

[The Smilodon](#) (pg. 3) published an article by Marine Programs Coordinator Parker House about TBF's abalone research and restoration.

[The Scientist](#) shared the early life of one of TBF's AbLab abalone as its Image of the Day.

TBF's Earth Weekend event at Culver City Rain Garden was included in [The Argonaut's](#) "7 Creative Ways to Celebrate Earth Day" article.

[The Mariner](#) (pg. 9) informed its readers about Dockwalker training and the boater program.

[KPCC](#) included a quote from Tom Ford in an article about the potential new marine conservation area off the California coast.



(Photo by Ethan Pines)

TBF Instagram *Photo of the Month*



'Mondays are for Mussel Blennies'

Social Media is Important, Fun and Connects Us!

If you're a social media maven or even a dabbler, we ask that you engage, share and use our Social Media avenues.

- Facebook: [@The Bay Foundation](#)
- Twitter: [@SMBRF](#)
- Instagram: [@TheBayFoundation](#)
- YouTube: "[The Bay Foundation](#)"

Please go that extra step and invite colleagues, friends and family to also Like or Follow us.

And did you know you can check out your local dining options via an interactive map of certified [Clean Bay Restaurants](#) on our site?

2018 SMBRC Governing Board Meeting Dates

The SMBRC Governing Board meets on the 3rd Thursday of the even-numbered months from 9:30 to 11:30 a.m. at the Del Rey Yacht Club.

The remaining 2018 meeting dates are:

- August 16
- October 18
- December 13 (2nd Thurs.)

The Del Rey Yacht Club is located at 13900 Palawan Way, Marina del Rey CA 90292.

For additional information concerning any SMBRC Governing Board meeting, please contact Dr. Guang-yu Wang at 213-576-6639 or by e-mail at guangyu.wang@waterboards.ca.gov. You may also visit the SMBRC website at <http://www.smbrc.ca.gov/>.

Check Out Our Websites

Please check out the SMBRC website: <https://www.smbrc.ca.gov>. To streamline access to the Governing Board agendas, schedules, and staff reports, the website features only information that is most critical to following the month-to-month activities of the SMBRC's bodies.

The Bay Foundation's website can be viewed at <http://www.santamonicabay.org>. It includes links to Foundation activities, reports, and other information.

If you have any questions or comments, contact Dr. Guang-yu Wang at guangyu.wang@waterboards.ca.gov or Julie Du Brow at jdubrow@santamonicabay.org.